

THE HARMONICS OF CORAL CASTLE

by Capt. Bruce L. Cathie (Ret.)
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A Construction Technique that Defied Gravity?

During a holiday in the United States in 1975, my family and I visited a fascinating tourist attraction called "Coral Castle". The complex was built over a period of 25 years and consists of over 1,100 tons of sculptured and carved coral rock. In 1984 it was placed on the National Register of Historic Places. It is located at 28655 S. Dixie Highway, Homestead, Florida.

The "Castle" was created by a slight, five-foot-tall, 100-pound man called Edward Leedskalnin, working entirely alone. He was born in a small village close to Riga in Latvia in 1887. In his younger days he worked as a clerk and later took up stone masonry, an unlikely occupation for one so small and frail. In 1912 he was engaged to a girl of sixteen, but she cancelled the wedding the night before the ceremony.

So Edward, completely heartbroken, left the village and travelled first to Europe, then to Canada. During this time he became interested in science, astronomy and particularly Egyptian history. I believe it was possibly during this time of study that he came across some secret knowledge that allowed him to carry out the unbelievable feat of moving massive stone blocks without the help of modern machinery.

For health reasons, Edward eventually left Canada and moved south to the United States, passing briefly through Washington state, California and Texas and finally settling in Florida. By that time it was 1918 and he was 31 years old. He purchased an acre of land in Florida City and it was there that he started using his stonemasonry skills. He began building what he called his monument to his "sweet sixteen".

During the night he worked on his first coral sculptures and during the daylight hours continued his study of the science of magnetism and cosmic forces. He was a

sociable type and often invited visitors to what he called "Ed's Place" and showed them his remarkable accomplishments in the carving of stone. Over time, his work became an attraction for the locals and visitors to the area and he started to charge a small fee for admission.

In 1936 Edward decided to move several miles to another location near Homestead. He purchased a 10-acre block of land and then had the problem of moving a few hundred tons of rock several miles up the road. He borrowed a neighbour's tractor and spent several months loading his bits and pieces by night and moving them by day. No one ever saw how he handled the pieces on and off the trailer. He named his new place "Rock Gate Park", and it eventually became known as "Coral Castle". The legend of Edward Leedskalnin had begun.

Until his death in 1951, Ed lived almost the life of a hermit behind the eight-foot-high walls that surrounded his workplace. He kept the gate to the complex locked at all times, and if he was not too busy with his endeavours he would let visitors in for a small fee and then, with much pride, show them his accomplishments.

Most visitors were obviously mystified as to how he could handle such massive blocks of stone on his own without the aid of heavy machinery. Ed's reply was that he knew the secrets of how they built the Great Pyramids.

The Castle is now known as one of the authentic wonders of the world and the best example of stone construction in the United States. The coral rock in the surrounding walls, alone, raises the question of how such a small person could man-handle such weights.

There is approximately 420 tons of coral rock, each block weighing an average of 6.5 tons, in the southern and western walls and around 240 tons in the eastern wall, within which are included: the Crescent of the East, 23 tons; the planet Mars, 18 tons; the planet Saturn, 18 tons; and the Obelisk, 28.5 tons. The heaviest cut stone in the complex is contained in the north wall and is said to weigh 30 tons. This complete wall contains 149.5 tons of coral rock.

The Castle is entered through a nine-ton rock gate, which is perfectly balanced and swings open with very little effort. It sits on an old truck bearing and is held steady



Aerial view of Coral Castle, Florida. The structure survived hurricane Andrew in 1992.

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by a pipe set in its upper surface. Engineers find it hard to believe that Ed was able to find the centre of gravity in this large stone in order to make it so easy to operate.

Leedskalnin made his living quarters in one corner of the area that is now called "The Tower". This is said to contain 243 tons of rock, each block weighing up to nine tons. Ed used the ground floor as a workshop and lived on the first, and he never allowed anyone to enter his home. He chiselled out a well that went down below the water table so that he could have a constant supply of water; he even put his bathtub near it for easy access.

Scattered about the grounds are many intriguing stone sculptures. There are rocking chairs and what he would call reading chairs, similar to modern-style armchairs, cut out of solid stone but very comfortable to sit in. There's a large table cut into the shape of Florida. And there's a sundial constructed in a unique way. It is accurate to the minute and adjusts to the change of seasons. The Sun's shadow falls on a contoured face of rock that is related to the Earth's curvature and automatically corrects the time. Ed said that it took two years for him to build it. The planets Mars and Saturn and the Moon are cut out of solid rock. There's a Moon Fountain, a "Telescope" whose aperture is focused on

Polaris, the North Star, and the Obelisk that is 40 feet (12.2 metres) in height. These are just some of the many attractions in this wonderful tourist venue.

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He even had an old wheelbarrow with a brake drum for a tyre.

The question still remains. How did Ed do all this with just a set of primitive tools? Maybe the secret is hidden in a statement he made:

"Every form of existence, whether it be rock, tree or animal, has a beginning and an end, but the three things that all matter is constructed from has no beginning and no end. They are the north and south poles'

individual magnets and the neutral particles of matter. These three different things are the construction blocks of everything."

What he is saying is that everything is created from some kind of unified field. I would agree with this statement, as my own research over the last 37 years has resulted in a series of unified equations that demonstrate the harmonic mathematical relationships of our physical reality.

Harmonic Unified Equations

During my career as a pilot, I spent over 20,000 hours in the air and had several sightings of what are now termed "UFOs" (unidentified flying objects). Hundreds of other pilots around the world were having the same kind of experiences.

I became extremely interested in this phenomenon, and after years of study I discovered a worldwide system of track lines that could be broken down into mathematical co-ordinates. This is now known as the "world energy grid system". The values were found to be harmonically related to light, gravity, mass and the Earth's magnetic field.

The final result was the discovery of harmonic unified equations and sets of unified tables that could be related to Einstein's well-known equation:

$$E = mc^2$$

where E = energy, m = mass, and c = the speed of light.

Einstein said it should be possible to remove the mass symbol and replace it with "c" values, thus unifying the equation. I discovered through my research that:

$$m = (c + 1/c)$$

Therefore, to unify the equation, Unified Equation 1:

$$E = (c + 1/c) (c)^2$$

Two other equations followed, the "c" value being doubled to allow for the matter and antimatter cycles (see my book, *The Harmonic Conquest of Space*, which gives a complete explanation regarding how our reality is manifested in alternate quanta of matter and antimatter):

Unified Equation 2, relating to the Earth's magnetic fields:



The Obelisk weighs 28.5 tons and stands 40 feet (over 12 metres) tall.

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$$(\text{Field A} - \text{Field B}) = [(2c + (1/2c)) (2c)^2]$$

Unified Equation 3, allowing for the matter and antimatter cycles:

$$E = [(2c + (1/2c)) (2c)^2]$$

The tables indicate that the speed of light is not a constant. It is an acceleration or deceleration, which is the inverse value of gravity and related to latitude on the Earth's surface. It is because of relativity that we read the light values as a constant.

I have published this information in a series of six books (the last three of these are still in print), and my business partner Rodney Maupin and I have produced the Gridworks computer program that can calculate all the unified values for research purposes. We now market this program worldwide.

Calculating the Castle's Harmonics

With this information available, I was then able to check out the position of Coral Castle on the computer to see if Edward had knowingly selected this spot in order to manipulate the gravitational forces. The results were extremely interesting. (Note: your computer has to be programmed for harmonic calculation, otherwise errors occur.)

The location of Coral Castle is given as:

Latitude:
25.50126
degrees north

Longitude:
80.443968
degrees west

The gravity reciprocal (light harmonic) for this latitude is indicated to be:

143650.9133
minutes of arc
per grid second
(± 0.01 minute of
arc or nautical
mile)

This value is subtracted from the maximum light value of 144000:

$$(144000 - 143650.9133) = 349.0867497$$

The values can be shifted up or down the harmonic scale by multiplying or dividing by six (6):

$$(349.0867497 / 6^4) = 0.26935706 \text{ harmonic}$$

The harmonic 26935706 is the value of "E" in Unified Equation 3, when the anti-gravity factor of "c" = 143791.3643831903 (see *The Harmonic Conquest of Space*, p. 26).

The longitudinal gravity factor was a bit more difficult to discover, but after checking several coordinate combinations I finally found a position 202.5 feet east of the given value, which fell within the Castle complex (80.4434125° west).

The great-circle distance from longitude zero to Coral Castle at the given latitude proved to be:

$$4,278.75366 \text{ minutes of arc}$$

This value did not show any definite harmonics related to gravity, so I then checked the great-circle distance between the points the long way around.

The circumference of the Earth is 21,600 minutes of arc (or nautical miles), so:

$$(21600 - 4278.75366) = 17321.24634 \text{ minutes of arc}$$

Shifting harmonically:

$$(17321.24634 / 6^6) = 371254422 \text{ harmonic}$$

The reciprocal harmonic of this value:

$$26935706 \text{ harmonic}$$

Harmonic 26935706 is equal to "E" in Unified Equation 3, as discovered in the latitude calculations.

$$E = [(2c + (1/2c)) (2c)^2] \text{ where "c" = 143791.3644 minutes of arc per grid second}$$

Using harmonics:

$$E = [(2875827288 + 5896829800) \times (82703825)]$$

$$E = [(8772657088 \times 82703825)]$$

$$E = 725532290$$

$$E = 26935706 \text{ harmonic}$$

The mathematical evidence does strongly suggest that Ed Leedskalnin chose this particular locality to carry out his work because of its gravitational relationships. The mystery is the method he used to manipulate the gravitational forces to



The Tower at Coral Castle. It consists of 243 tons of coral rock, each block weighing more than those used to build the Great Pyramid. Ed Leedskalnin's workshop was downstairs and his living area upstairs.

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produce weight loss in massive sections of rock.

It is my belief that Ed had learned the secrets of harmonic resonance and that he had some type of apparatus that could be applied to each individual block. Possibly the blocks were cut to particular volumes that could be made to vibrate in harmony with the gravitational values. The physical make-up of the coral stone could also be a factor related to its vibratory properties.

A Message in the Mathematics?

There is another possibility that Ed left a mathematical message behind that would indicate his knowledge regarding the unified fields. I have had an inexpensive book in my library for many years called *The Enigma of Coral Castle*, written by Ray N. Stoner (The Bradford Institute of Ultra Science, PO Box 1766, Cape Coral, Florida). There is one small section in it that really caught my attention:

Ed Leedskalnin proved his mastership in architecture, Pythagorean mathematics, geomancy...in his use of mathematics at Coral Castle. It is indeed, with humble pride, that Ed

referred to this particular structure as his masterpiece. He even went so far as to top this 30-ton wonder with a symbolic four-stone crown. He called this, with tongue in cheek, his crowning achievement... This was the largest stone weight he ever moved.

A diagram shows how circles have been cut into one of the rock faces, the outer one being coincident with the outer edges of the rock. The measurements are given as 124 inches for the diameter of the outer circle and edges of the rock face, and the thickness as 39 inches. I found by computer that a fractional correction of 0.0074167 inches for the rock face and 0.00713975 inches for the thickness produced the following results (note that the corrections are so small that normal measuring equipment would not have picked them up):

The conversion value from feet to geodetic feet is 6076/6000.

124.0074167 inches = 10.33395139 feet
= 10.20469195 geodetic feet

39.00713975 inches = 3.250594979 feet
= 3.209935792 geodetic feet

The volume of the block encompassed by the circle is therefore:

334.2690316 cubic geodetic feet

Shifting harmonically:

$(334.2690316 \times 6^{12}) = 72763092$ harmonic

The square root = 269746348 harmonic

This is the harmonic value of "E" derived from Unified Equation 3, when "c" is 144000 minutes of arc per grid second (maximum light speed). Using the same method for the volume of a sphere with a diameter of the given circle of 3.209935792 geodetic feet, we have:

Volume = 556.414347 cubic geodetic feet

Shifting harmonically:

$(556.414347 \times 6^{13}) = 726715750$ harmonic

The square root = 26957666 harmonic

This is the harmonic value of "E" derived from Unified Equation 2, when "c" is 143909.0655 minutes of arc per grid second (light speed related to the Earth's magnetic field). (These values are demonstrated in *The Harmonic Conquest of Space*, pages 21 and 26.)

I find this too coincidental to be a chance result. The answers can only be calculated with the help of our computer program which is set up to handle the unified values in the harmonic equations.

Monumental Questions

The final question is: why did Ed Leedskalnin initially set up his operations a few miles down the road? He was obviously getting some sort of result there, but maybe this only allowed him to carry out some of the operations he required. The tract of land up the road was the perfect place, but maybe it took him a while to obtain possession of it. More investigation needs to be done here, which I will leave to others.

I'm sure that Ed was telling the truth when he said that he knew how the Pyramids were built. He left us a monument that deserves extensive scientific investigation.

Editor's Notes:

- For more information, refer to Bruce Cathie's article, "The Harmonic Conquest of Space" in NEXUS 2/22 (Oct-Nov 1994), and his books currently in print: *The Bridge to Infinity*, *The Energy Grid* and *The Harmonic Conquest of Space*. These are available from NEXUS offices in Australia, New Zealand, UK and The Netherlands, and from Adventures Unlimited in the USA, telephone +1 (815) 253 6390, email auphq@frontiernet.net.

- The Gridworks computer program is available from Bruce L. Cathie, Quark Enterprises Ltd, 158 Shaw Road, Oratia, Auckland, New Zealand, telephone +64 9 818 4291, email bruce@c@ihug.co.nz; and Rodney Maupin, PO Box 976 Rainier, WA 98576, USA, email gridman@ywave.com.

- Information and photographs were kindly supplied by the management of Coral Castle, 28655 S. Dixie Highway, Homestead, FL 33033, USA, tel +1 (303) 248 6345, website www.coralcastle.com.



The Moon Fountain, carved from three pieces of coral.